DM3.0 & DM3.0S Supercardioid Dynamic Microphone

OVERVIEW

The DM3.0 is a dynamic moving coil microphone designed to handle a wide variety of vocal and instrument applications for both live sound and recording. This microphone is also available with an integral on/off switch (model DM3.0S). Characteristics of the DM3.0, such as a wide supercardioid pickup pattern with a frequency response of 50Hz-18KHz , slight bass proximity and mid range presence result in a warm and natural response for nearly every type of voice. The DM3.0 is engineered to handle very high levels of gain without distortion and will provide over 25dB of off axis feedback rejection.

Low impedance and balanced output allow interference free performance even with long cable runs. The DM3.0 is built solidly with a cast zinc alloy body, steel mesh grille ball and internal pop screen.

APPLICATIONS

- Live Stage
  Club, House of Worship, Gospel, Corporate Presentation, Karaoke
- Instruments
  Electric Guitar, snare, toms, brass, congas, flute
- Home Studio
  Vocal and instrument applications

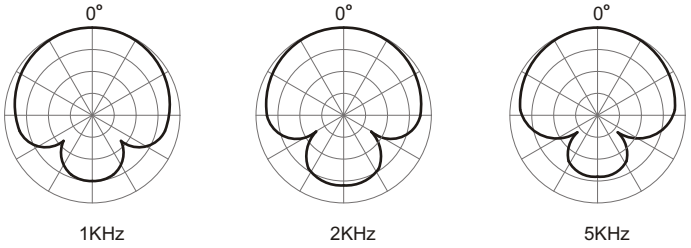
FEATURES

- All-purpose professional vocal and instrument microphone
- Ultra-sensitive neodymium element for highest output
- Excellent off-axis rejection for superior gain before feedback
- Extended range frequency response for optimum reproduction and exceptionally clear, crisp sound
- Rugged zinc alloy body
- Gold-plated XLR connector
- Dent-resistant spring steel grill
- Low handling noise

SPECIFICATIONS

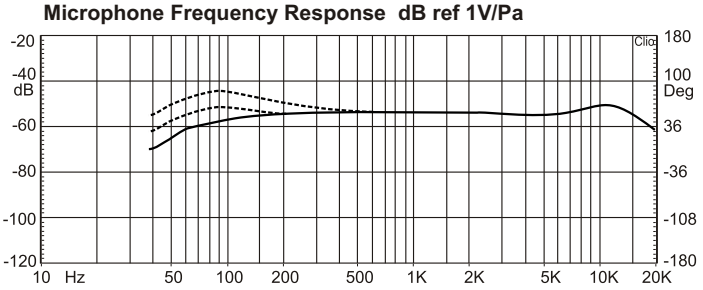
Transducer Type	Dynamic
Frequency Response	50Hz -18KHz
Polar Pattern	Supercardioid
Output Impedance	250ohms
Sensitivity	-54dB (0dB=1V/Pa)
Off-axis rejection	>25dB at 125°
Maximum SPL	>135dB
Cable/Connector	3 pin gold plated male XLR
Polarity	Positive voltage on pin 2 relative to pin 3 of output XLR connector
Housing	Zinc alloy
Weight	300 gram

Polar Charts (Range: 40dB)



The frequency response curve shown above (measuring tolerance at +3dB) and polar pattern correspond to typical production run specifications for this microphone.

Frequency Response



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